

## Product Overview

### MBRS360: Schottky Power Rectifier, Surface Mount, 3.0 A, 60 V

For complete documentation, see the data sheet.

This device employs the Schottky Barrier principles in a large area metal-to-silicon power diode.

#### Features

- Small Compact Surface Mountable Package with J-Bend Leads
- Rectangular Package for Automated Handling
- Highly Stable Oxide Passivated Junction
- Excellent Ability to Withstand Reverse Avalanche Energy Transients
- Guardring for Stress Protection Mechanical Characteristics:
- Case: Epoxy, Molded, Epoxy Meets UL94, VO
- Weight: 217 mg (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 C Max. for 10 Seconds
- Shipped in 16 mm Tape and Reel, 2500 units per reel

For more features, see the data sheet

#### Applications

- Power Supplies
- EMI Filter as per Application Note, Conducted EMI Filter Design for the NCP1200

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max ( $\mu$ A)	$I_{O(rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_{rr}$ Max (ns)	$C_j$ Max (pF)	Package Type
MBRS360BT3G	0.1655	Pb-free	Active	Single	60	0.74	150	3	125	-	-	SMB-2
		Halide free non AEC-Q and PPAP										
MBRS360T3G	0.1721	Pb-free Halide free non AEC-Q and PPAP	Active	Single	60	0.74	150	3	125	-	-	SMC-2

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